



A9 Dualling Programme

SEA Environmental Report

Appendix D4

GIS Constraint Mapping – A9 Section D

June 2013



Section D - Option 1

SECTION E

SECTION D

River Spey

River Spey

Drumochter Hills

Drumochter Hills

SECTION D

SECTION C

0 2.5 5 Kilometres

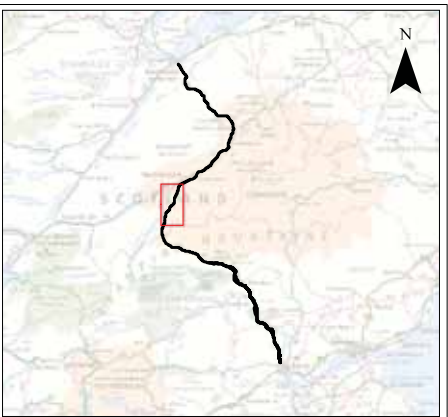
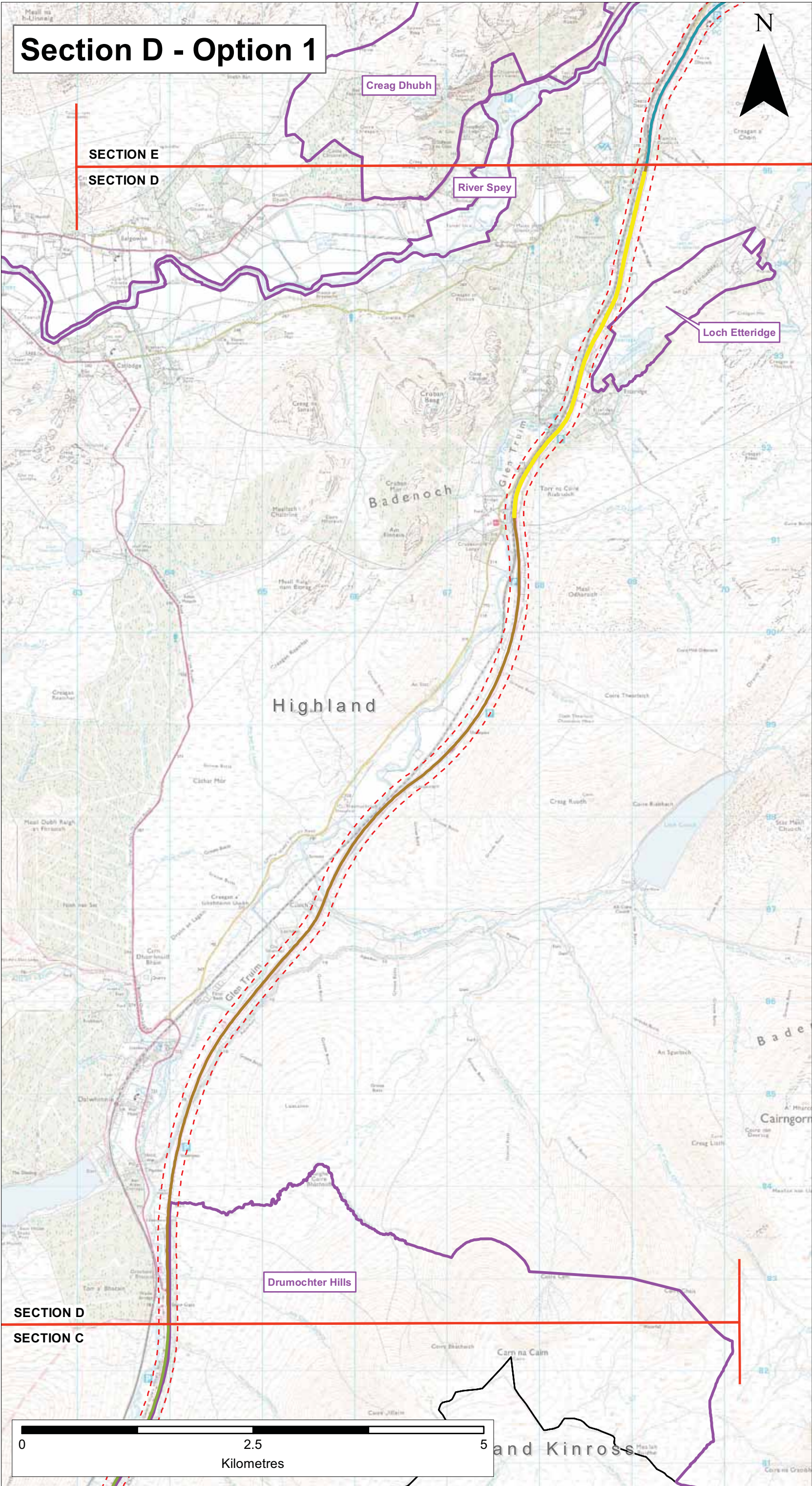
Legend

- A9 Section Breaks
- Dual Carriageway
- Section C Option 1
- Section D Option 1
- Section E Option 1
- A9 200m Buffer
- SPA
- SAC

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1
- A9 200m Buffer
- SPA
- SAC

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
  Burdens Park, Swindon, SN4 0DD +44 (0)1793 812479 					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: A9 Biodiversity, Flora & Fauna - Natura and Ramsar Sites					
Drawn by: Tim Hughes			Date: 09/09/2013		
Checked by: Zahid Ma			Date: 09/09/2013		
Approved by: John Fox			Date: 09/09/2013		
Drawing No: TSSEA9\ER\D\001					Rev A
Drawing scale: 1:40,000					



Legend

- SSSI
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer
- A9 Options**
- Section C Option 1
- Section D Option 1
- Section E Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
					
					
		Burdens Park, Swindon, SN4 0DD +44 (0)1753 812479			
Project:					
A9 Dualling Strategic Environmental Assessment					
Drawing:					
A9 Biodiversity, Flora & Fauna - SSSI Sites and National Nature Reserves					
Drawn by: Tim Hughes		Date: 21/09/2013			
Checked by: Zahid Ma		Date: 21/09/2013			
Approved by: John Fox		Date: 21/09/2013			
Drawing No: TSSEA9/IER/D/002					Rev A
Drawing scale: 1:40,000					

Section D - Option 1

SECTION E

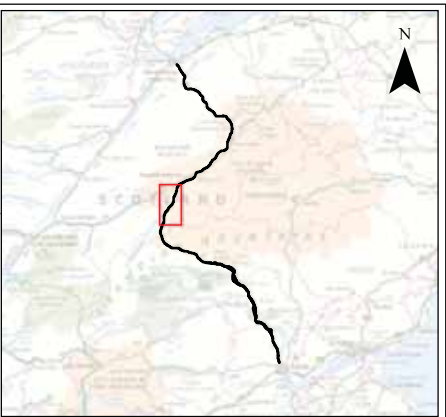
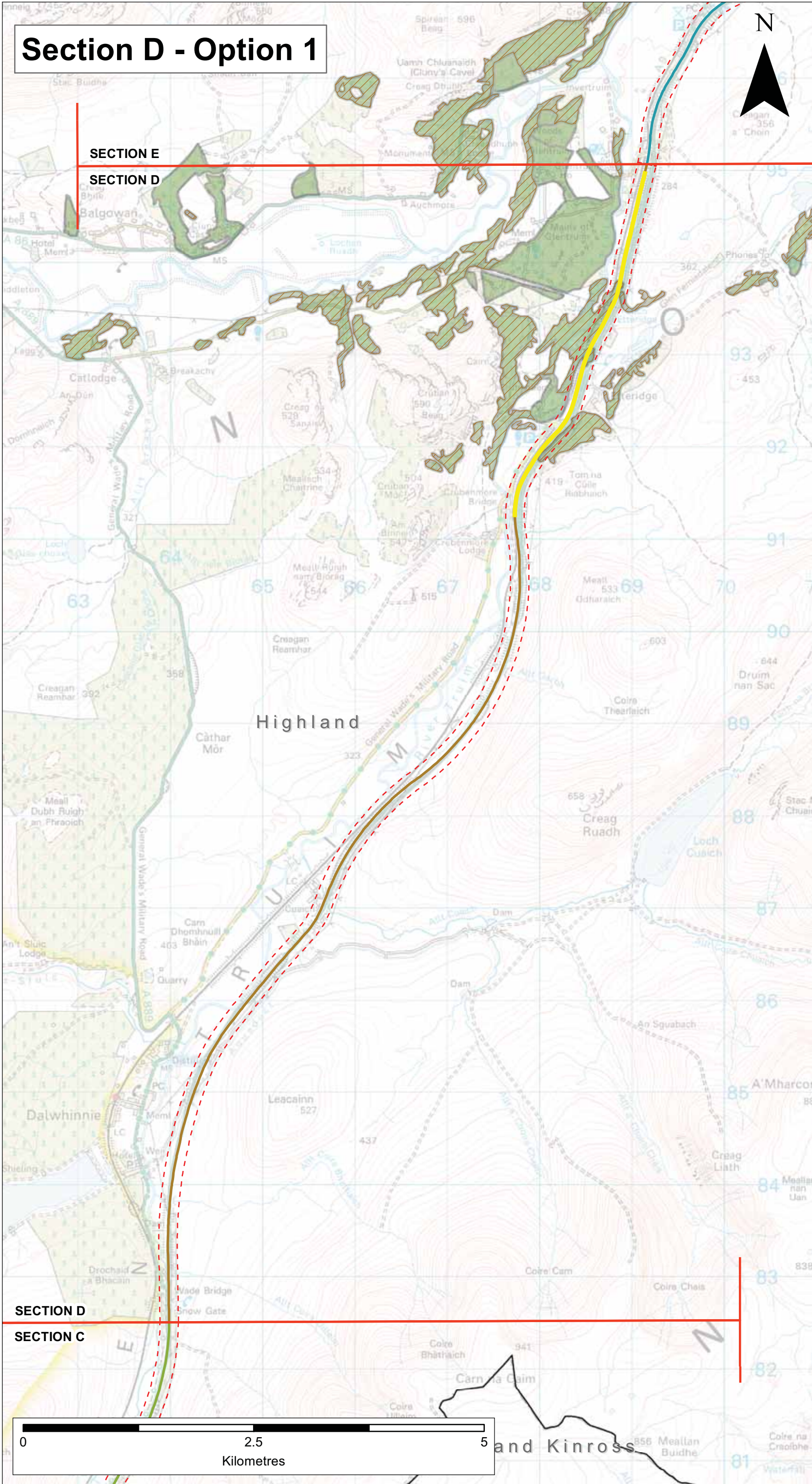
SECTION D

Legend

- Semi Natural Ancient Woodland
- Ancient Woodland
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1



Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 					
Burdens Park, Swindon, SN4 0DD +44 (0)1793 812479 					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: A9 Biodiversity, Flora & Fauna - Ancient Woodland and Semi-Natural Ancient Woodland					
Drawn by:	Tim Hughes	Date:	30/04/2013		
Checked by:	Zahid Ma	Date:	30/04/2013		
Approved by:	John Fox	Date:	30/04/2013		
Drawing No:	TSSEA9/ER/D/003				Rev
Drawing scale:	1:40,000				A

Section D - Option 1

SECTION E

SECTION D

Balgowan

Cat Lodge

Meall Dubh Ruigh an Phraoich

Meall Dubh Ruigh an Phraoich

Meall Dubh Ruigh an Phraoich

Meall Dubh Ruigh an Phraoich

Meall Dubh Ruigh an Phraoich

Meall Dubh Ruigh an Phraoich

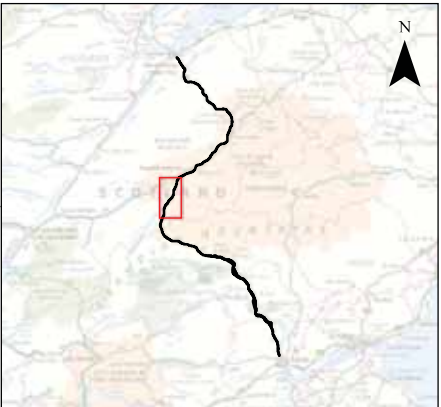
Meall Dubh Ruigh an Phraoich

Highland

SECTION D

SECTION C

0 2.5 5 Kilometres



Legend

Species

- European Otter
- Eurasian Red Squirrel
- Wildcat

- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 					
Burdens Park, Swindon, SN4 0DD +44 (0)1793 812479					
					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: A9 Biodiversity, Flora & Fauna - National Biodiversity Network Species Data					
Drawn by:	Tim Hughes	Date:	09/09/2013		
Checked by:	Zahid Ma	Date:	09/09/2013		
Approved by:	John Fox	Date:	09/09/2013		
Drawing No:	TSSEA9\ER\004				Rev
Drawing scale:	1:40,000				A

Section D - Option 1

SECTION E

SECTION D

Legend

- Cairngorm National Park Authority
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer
- A9 Options
 - Section C Option 1
 - Section D Option 1
 - Section E Option 1

A9 Options

SECTION D

SECTION C

0 2.5 5 Kilometres

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
  Burdens Park, Swindon, SN4 0DD +44 (0)1753 812479 					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Landscape - National Scenic Areas & Cairngorms National Park					
Drawn by: Tim Hughes			Date: 14/09/2013		
Checked by: Zahid Ma			Date: 14/09/2013		
Approved by: John Fox			Date: 14/09/2013		
Drawing No: TSSEA\ER\ID\005					Rev A
Drawing scale: 1:40,000					

Section D - Option 1

SECTION E

SECTION D

Legend

Landscape Character Types

- Cairngorm Straths
- Highland Summits & Plateaux
- Inland Loch
- Loch and Glen
- Uplands and Glens
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1

SECTION D

SECTION C

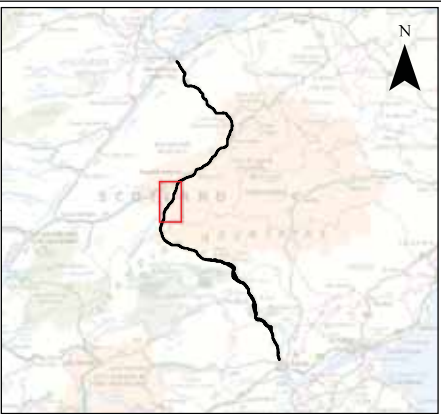
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Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Landscape - Landscape Character Types					
Drawn by:	Tim Hughes	Date:	14/09/2013		
Checked by:	Zahid Ma	Date:	14/09/2013		
Approved by:	John Fox	Date:	14/09/2013		
Drawing No: TSSEA9\ER\D\006					Rev A
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Section D - Option 1

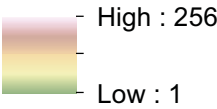
SECTION E

SECTION D



Legend

Wildness



- Dual Carriageway
- A9 200m Buffer
- A9 Section Breaks

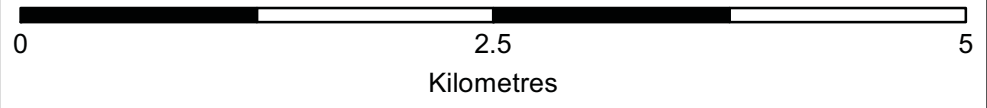
A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1

Highland

SECTION D

SECTION C



Data Source: SNH Wildness Composite Map

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burleigh Park, Swindon, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Landscape - Wildness					
Drawn by: Tim Hughes			Date - 10/09/2013		
Checked by: Zahid Msa			Date - 10/09/2013		
Approved by: John Fox			Date - 10/09/2013		
Drawing No: TSSEA9\ERD\007					Rev A
Drawing scale: 1:40,000					

Section D - Option 1

SECTION E

SECTION D

Legend

Soil Type

- Peat
- Peaty gleys
- Peaty podzols
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1

Highland

SECTION D

SECTION C

0 2.5 5 Kilometres

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A	24/04/2013	First Draft	TJH	ZM	JF
  Burdens Park, Swindon, SN4 0DD +44 (0)1793 812479 					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - Peat and Peaty Soil					
Drawn by:	Tim Hughes	Date:	02/09/2013		
Checked by:	Zahid Ma	Date:	02/09/2013		
Approved by:	John Fox	Date:	02/09/2013		
Drawing No:	TSSEA9/ER/D/008				Rev
Drawing scale:	1:40,000				A

Section D - Option 1

SECTION E

SECTION D

Balgowan

Cat Lodge

Meall Dubh Ruigh an Phraoich

Meall Dubh Ruigh an Phraoich

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Highland

SECTION D

SECTION C

0 2.5 5 Kilometres

Legend

Wetland

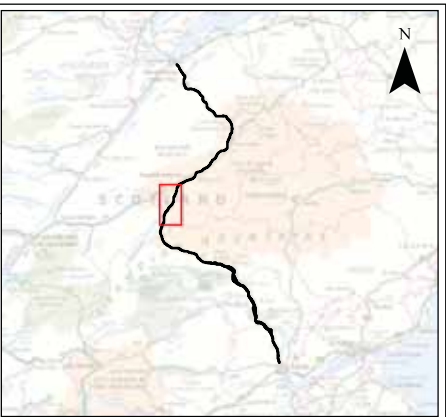
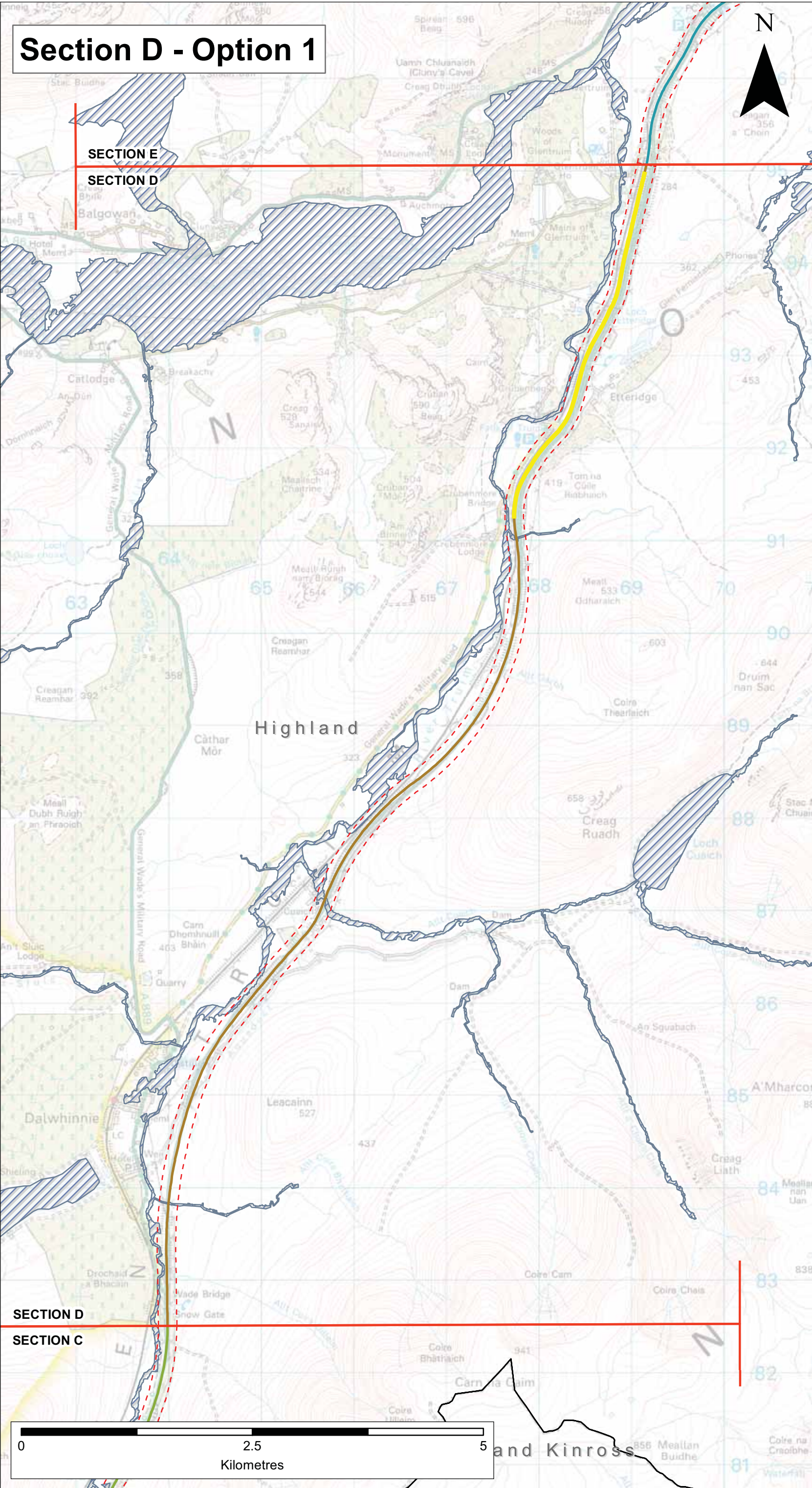
Wetland Types

- Marshy Grassland
- Montane Grassland
- Montane flushes
- Non-Specific Wetland
- Other wet woodland
- Peat Bog
- Seepage/flushes
- Wet Heath
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

SecOpName

- Section C Option 1
- Section D Option 1
- Section E Option 1

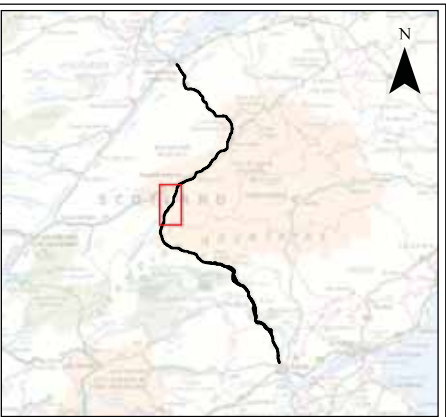
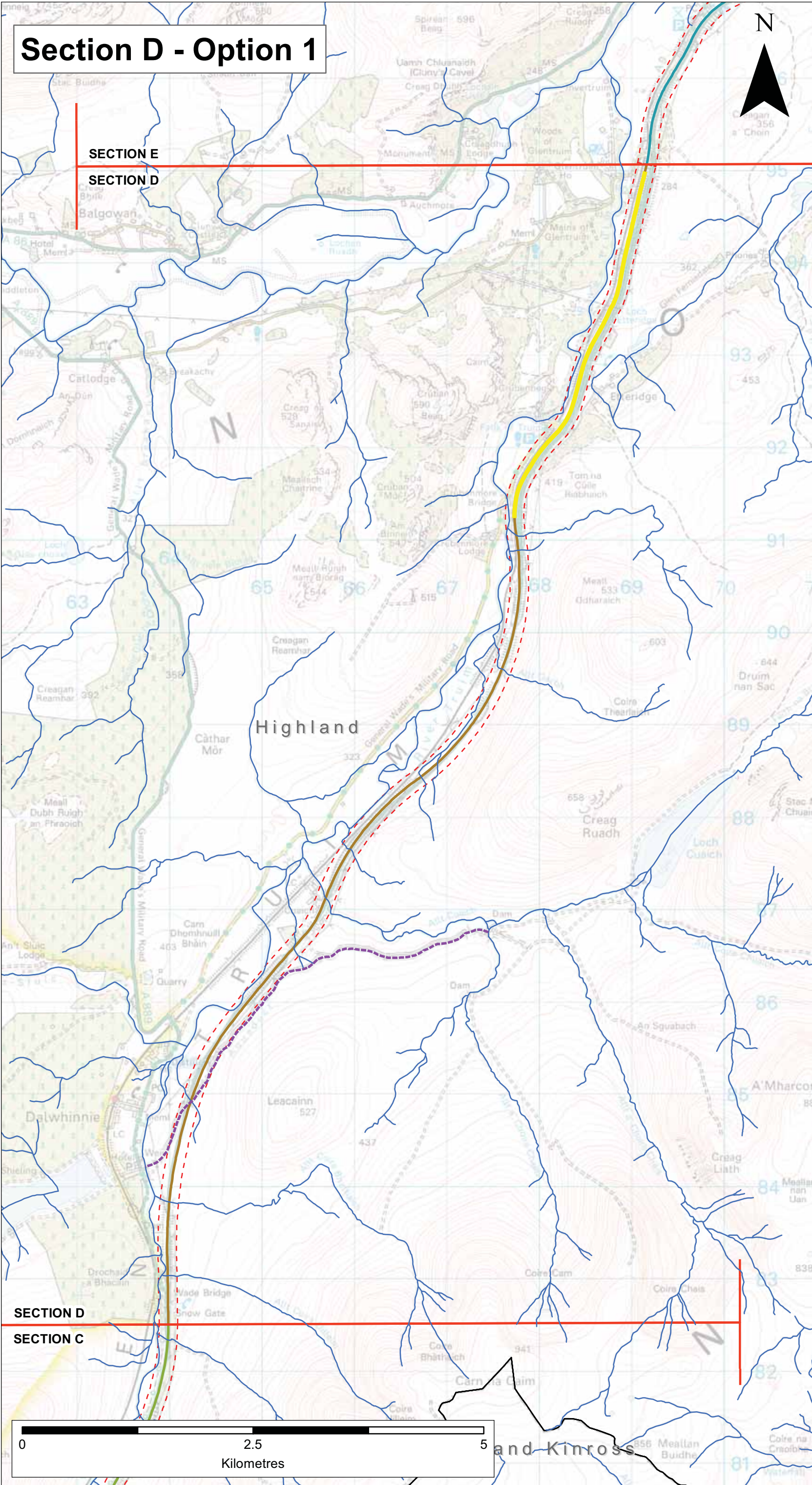
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A	24/04/2013	First Draft	TJH	ZM	JF
					
					
Burleigh Park, Swindon, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - Wetlands					
Drawn by:	Tim Hughes	Date:	03/09/2013		
Checked by:	Zahid Ma	Date:	03/09/2013		
Approved by:	John Fox	Date:	03/09/2013		
Drawing No: TSSEA9\ER\009				Rev A	
Drawing scale: 1:40,000					



Legend

-  200yr Flood Risk Zone
-  Dual Carriageway
-  A9 Section Breaks
-  A9 200m Buffer
- SecOpName**
-  Section C Option 1
-  Section D Option 1
-  Section E Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
 Burleigh Park, Swindon, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - 200yr Flood Risk Zone					
Drawn by: Tim Hughes			Date: 03/09/2013		
Checked by: Zahid Ma			Date: 03/09/2013		
Approved by: John Fox			Date: 03/09/2013		
Drawing No: TSSEA9\ERID\010					Rev A
Drawing scale: 1:40,000					



- Legend**
- Surface Pipes
 - Rivers
 - Dual Carriageway
 - A9 Section Breaks
 - A9 200m Buffer
- SecOpName**
- Section C Option 1
 - Section D Option 1
 - Section E Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burleigh Park, Swindon, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - Surface Watercourses					
Drawn by:	Tim Hughes	Date:	10/09/2013		
Checked by:	Zahid Msa	Date:	10/09/2013		
Approved by:	John Fox	Date:	10/09/2013		
Drawing No:	TSSEA9\ERD\011				Rev A
Drawing scale:	1:40,000				

Section D - Option 1

SECTION E

SECTION D

Legend

Land Capability for Agriculture (Grade)

- Mixed Agriculture (Grade 3.2-4.2)
- Improved Grassland (Grade 5.1-5.3)
- Rough Grazing (Grade 6.1-7)
- Water
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

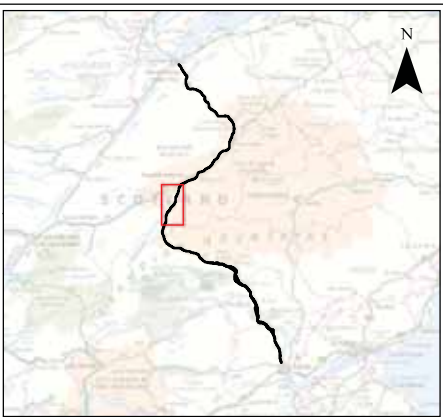
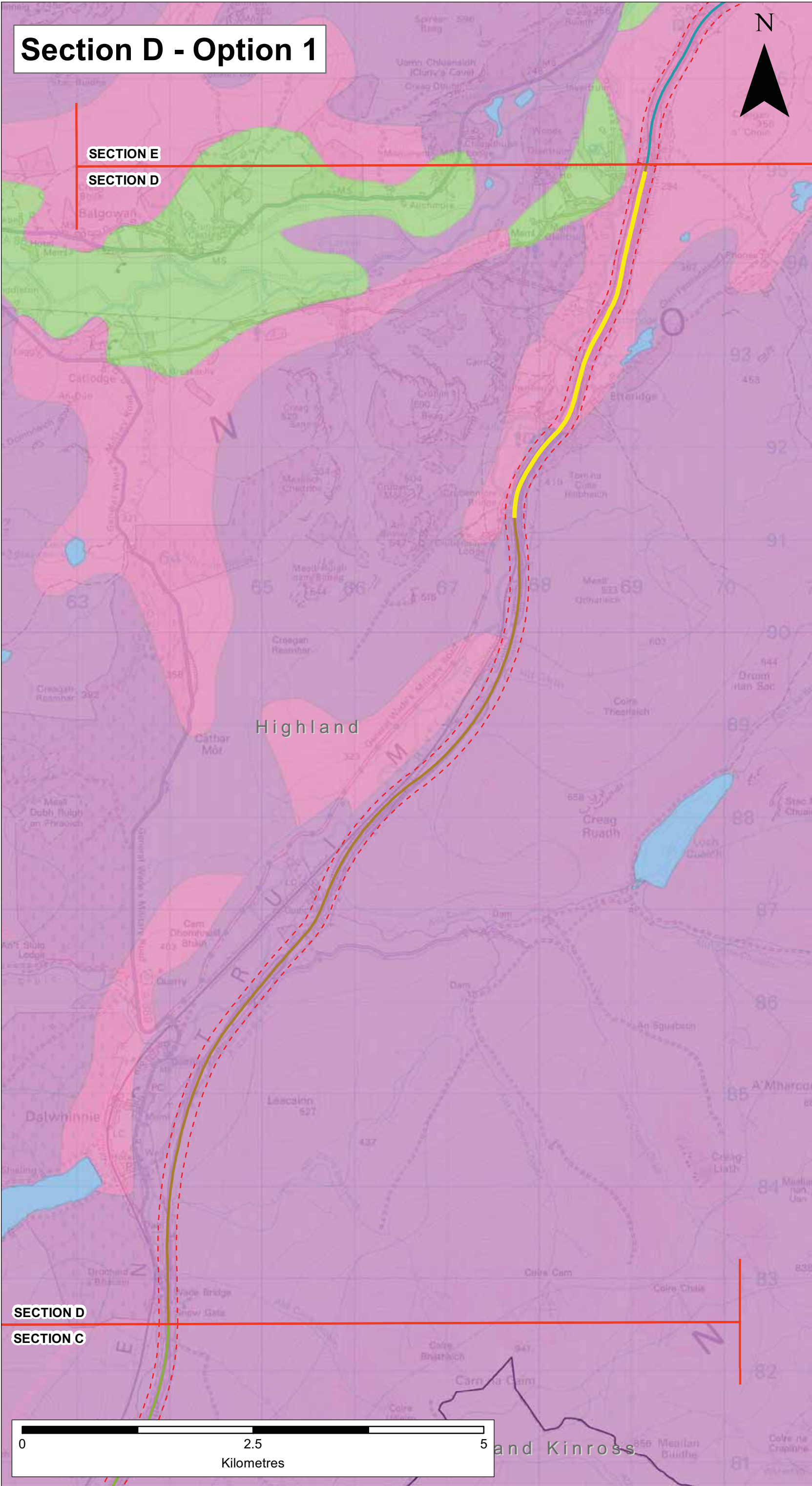
A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1

SECTION D

SECTION C

0 2.5 5 Kilometres



Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burleigh Park, Swinford, SN4 0DD +44 (0)1793 812479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Soils and Water - Land Capability for Agriculture					
Drawn by:	Tim Hughes	Date:	10/09/2013		
Checked by:	Zahid Ma	Date:	10/09/2013		
Approved by:	John Fox	Date:	10/09/2013		
Drawing No:	TSSEA9\ER\D\012				Rev
Drawing scale:	1:60,000				A

Section D - Option 1

SECTION E

SECTION D

Balgowan

Highland

SECTION D

SECTION C

0 2.5 5 Kilometres

Legend

Scheduled Monuments

Dual Carriageway

A9 Section Breaks

A9 200m Buffer

A9 Options

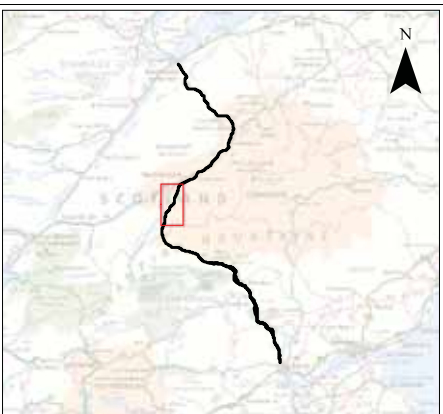
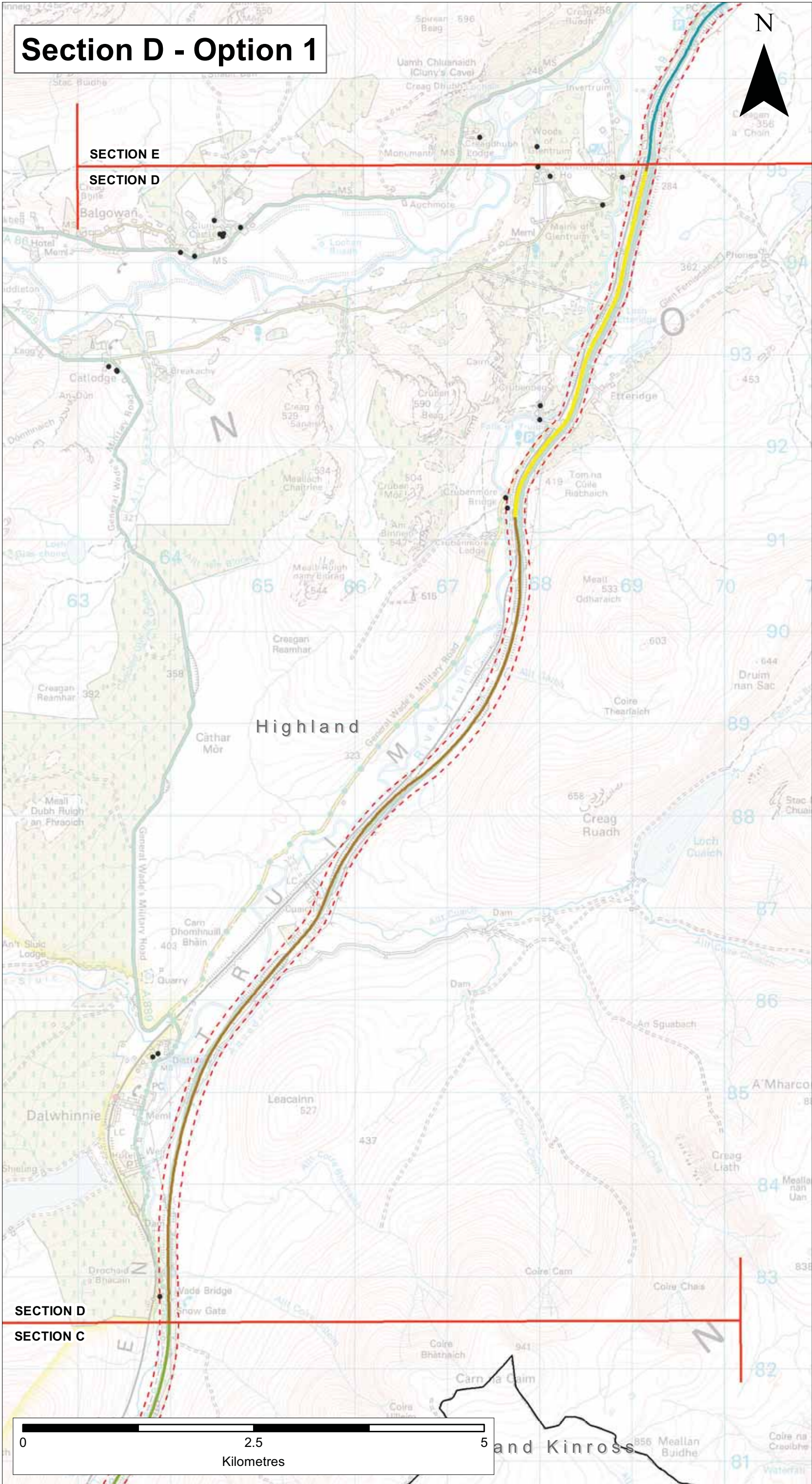
Section C Option 1

Section D Option 1

Section E Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
  Burdens Park, Swindon, SN4 0DD +44 (0)1793 812479 					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Historic Environment - Scheduled Monuments, Battlefields, Gardens & Designed Landscapes					
Drawn by:	Tim Hughes	Date:	07/09/2013		
Checked by:	Zahid Msa	Date:	07/09/2013		
Approved by:	John Fox	Date:	07/09/2013		
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Section D - Option 1

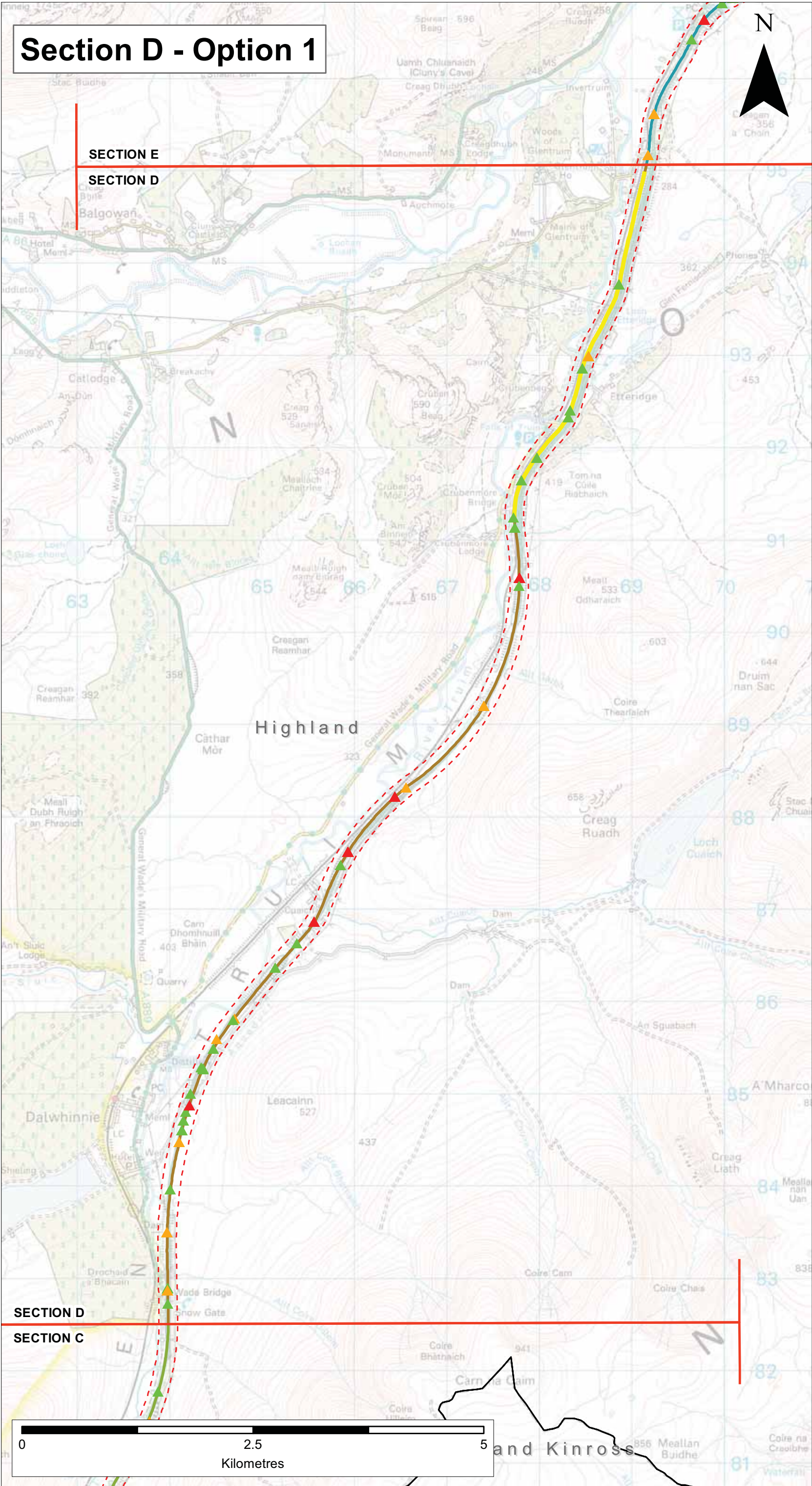


Legend

- Listed Buildings
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer
- A9 Options
 - Section C Option 1
 - Section D Option 1
 - Section E Option 1

A9 Options

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Historic Environment - Listed Buildings & Conservation Areas					
Drawn by:	Tim Hughes	Date:	14/09/2013		
Checked by:	Zahid Ma	Date:	14/09/2013		
Approved by:	John Fox	Date:	14/09/2013		
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Section D - Option 1

SECTION E

SECTION D

Balgowan

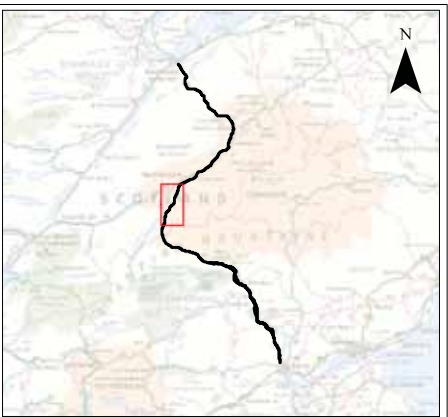
Highland

SECTION D

SECTION C

SECTION D

SECTION C



Legend

Accident Severity

- Fatal
- Serious
- Slight

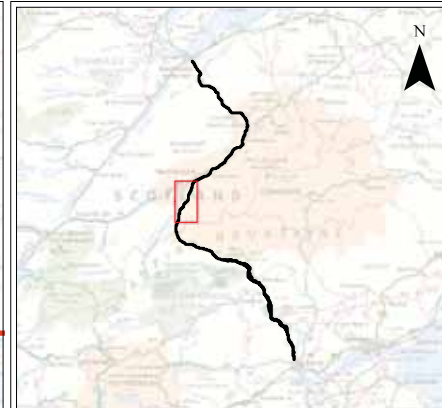
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	Appr'd
A	24/04/2013	First Draft	TJH	ZM	JF
Burdens Park, Swindon, SN4 0DD +44 (0)1753 612479					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Population Human Health & Material Assets - Accident Locations (2001-2010 data)					
Drawn by:	Tim Hughes	Date:	14/09/2013		
Checked by:	Zahid Ma	Date:	14/09/2013		
Approved by:	John Fox	Date:	14/09/2013		
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Section D - Option 1

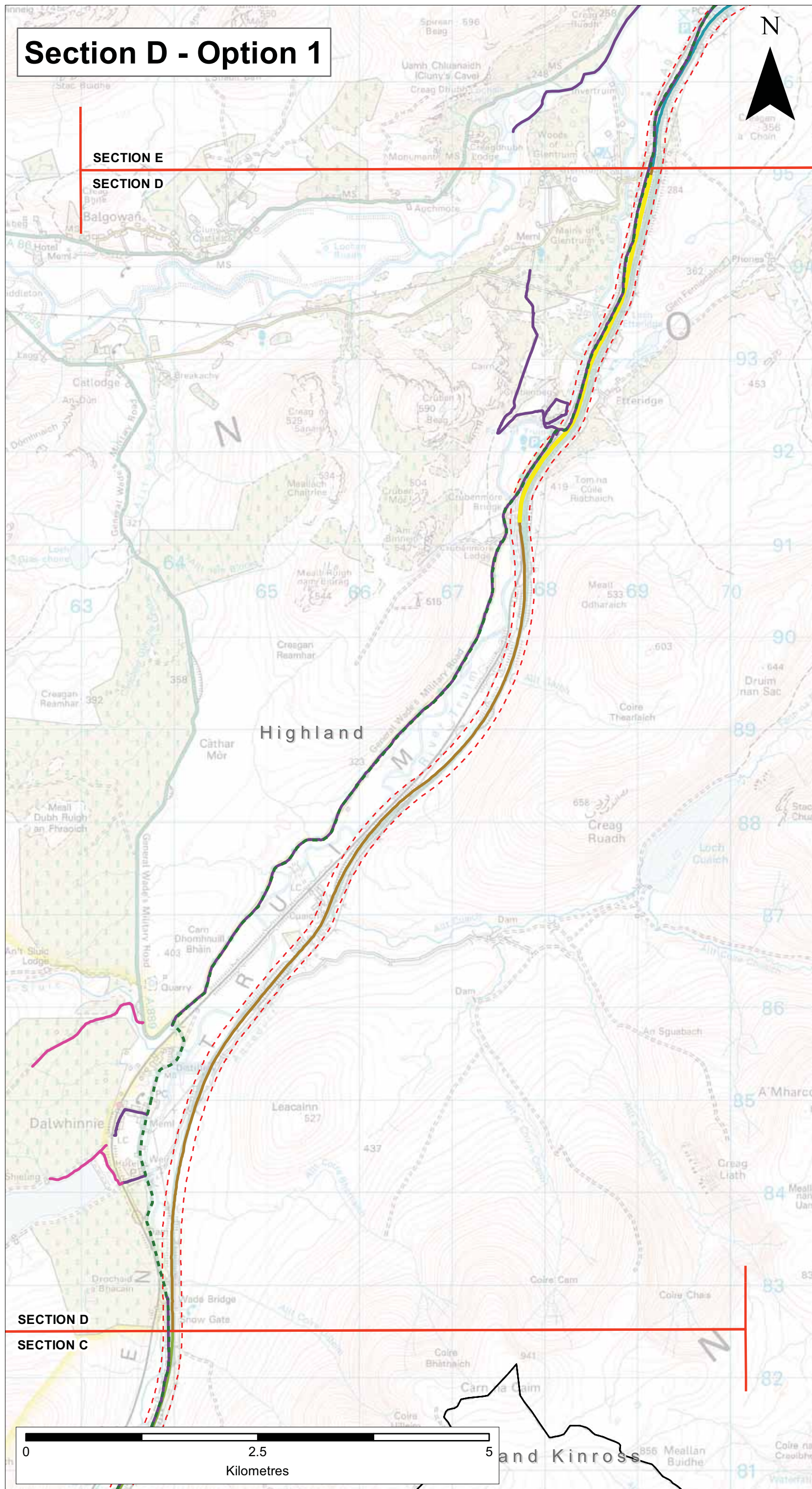


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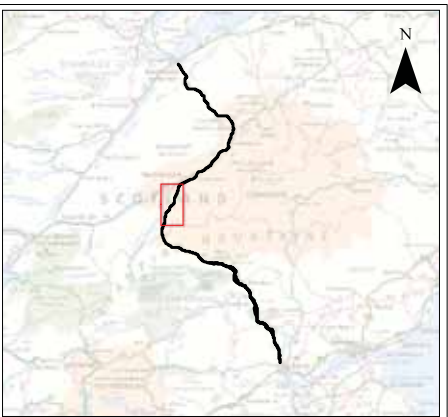
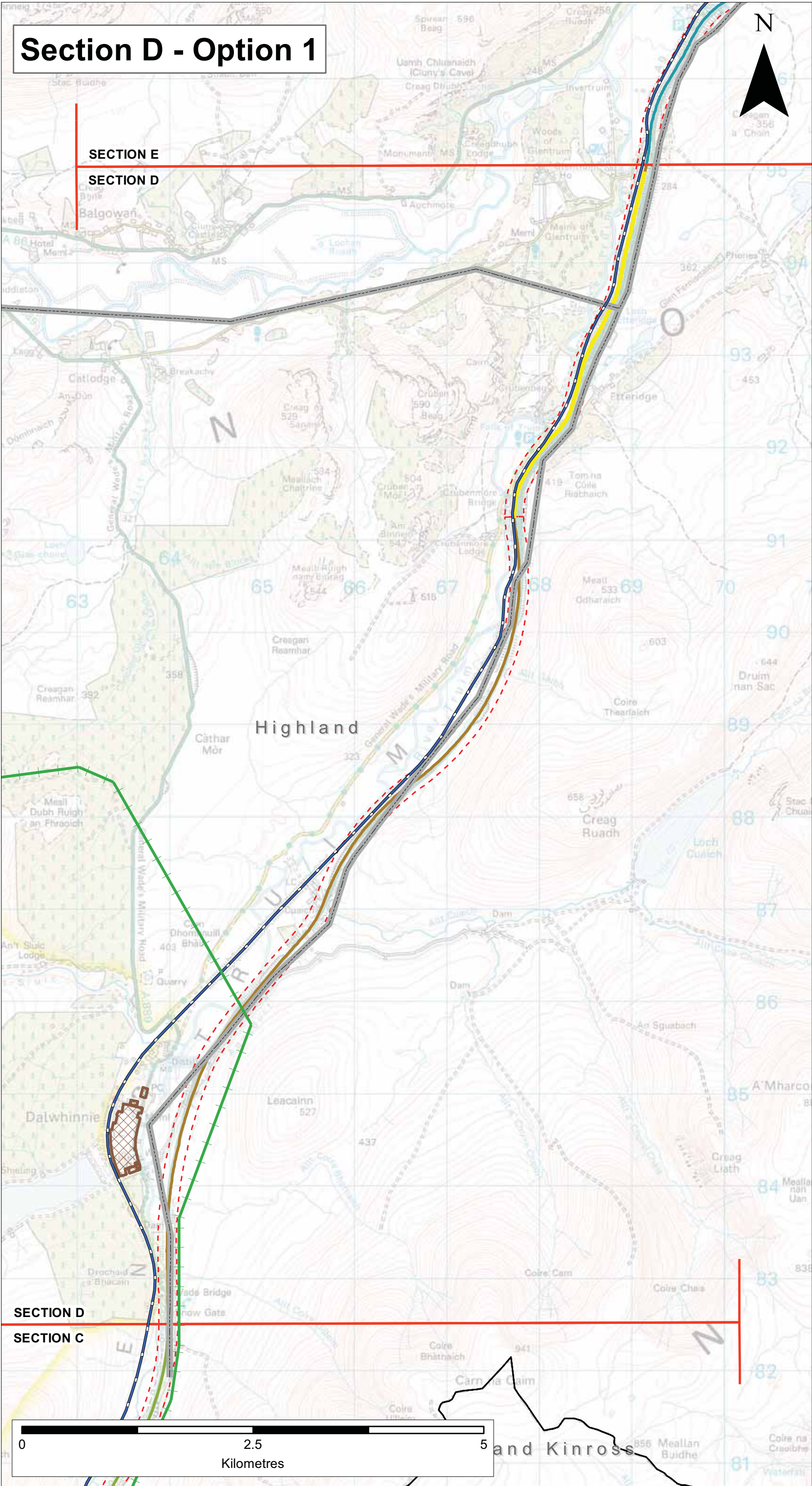
-  National Cycle Network Route 7
-  Highland Council Core Paths
-  Cairngorms National Park Core Paths
-  Dual Carriageway
-  A9 Section Breaks
-  A9 200m Buffer

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1



Rev	Rev date	Purpose of revision	Drawn	Checked	Approved
A	24/04/2013	First Draft	TJH	ZM	JF
					
					
Project:					
A9 Dualling Strategic Environmental Assessment					
Drawing:					
Population, Human Health & Material Assets - Core Paths and Cycle Routes					
Drawn by:	Tim Hughes			Date:	14/05/2013
Checked by:	Zahid Ma			Date:	14/05/2013
Approved by:	John Fox			Date:	14/05/2013
Drawing No:					Rev
TSSEA9/ER/D/016					A
Drawing scale:		1:60,000			



Legend

- Beaully Denny Line
- Highland Mainline Railway
- Existing Powerlines
- Cairngorms National Park LDP Zones
- Dual Carriageway
- A9 Section Breaks
- A9 200m Buffer

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1

Rev	Rev date	Purpose of revision	Drawn	Checked	App'd
A	24/04/2013	First Draft	TJH	ZM	JF
					
Project: A9 Dualling Strategic Environmental Assessment					
Drawing: Population, Human Health & Material Assets - Other Corridor Infrastructure					
Drawn by:	Tim Hughes	Date:	14/09/2013		
Checked by:	Zahid Ma	Date:	14/09/2013		
Approved by:	John Fox	Date:	14/09/2013		
Drawing No:	TSSEA9\ER\017				Rev A
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Section D - Option 1

SECTION E

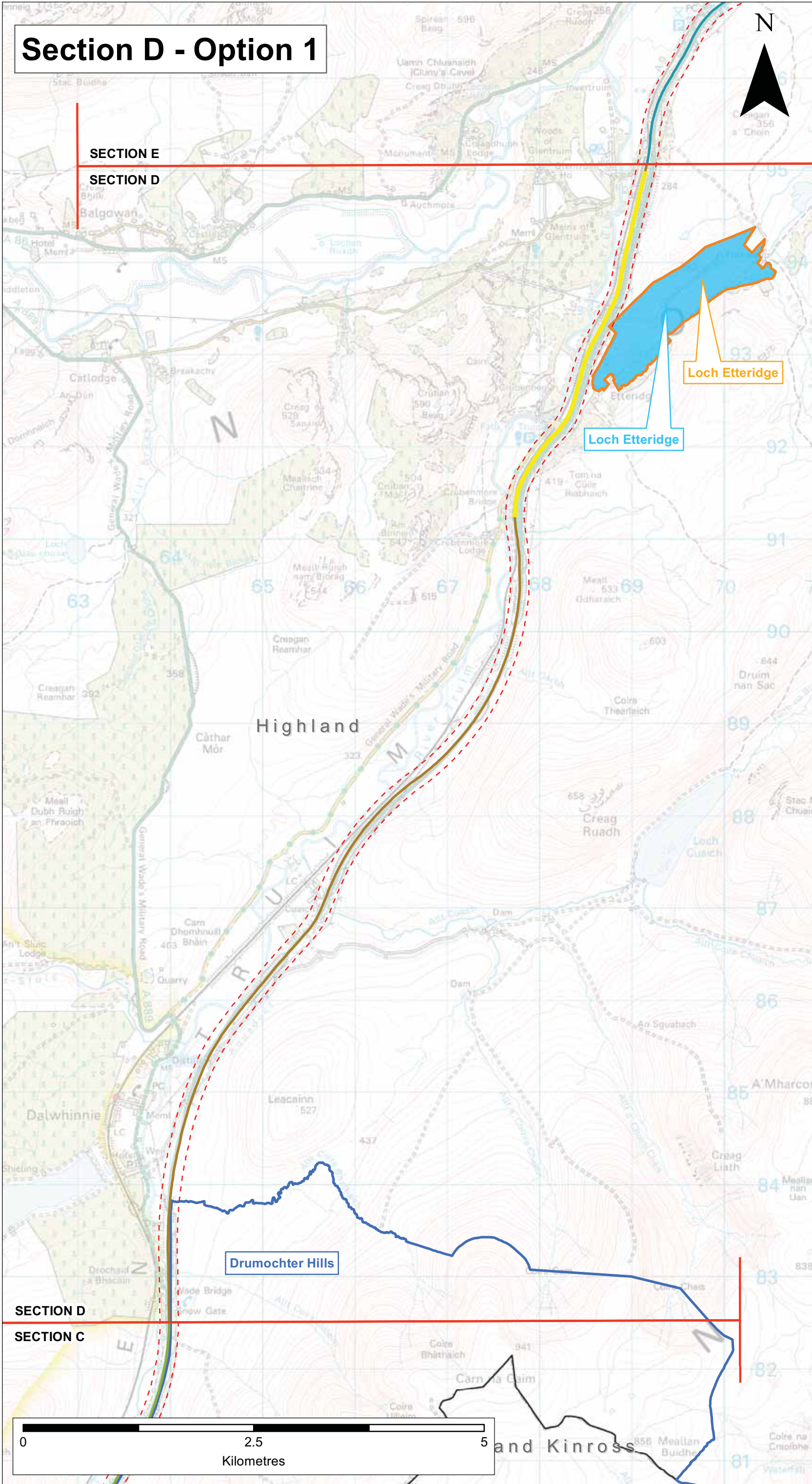
SECTION D

Legend

- Mixed SSSI
- Geological SSSI
- Geological Conservation Review Sites
- A9 Section Breaks
- Dual Carriageway
- A9 200m Buffer

A9 Options

- Section C Option 1
- Section D Option 1
- Section E Option 1



Rev	Rev date	Purpose of revision		Drawn	Checked	Appr'd
A	24/04/2013	First Draft		TJH	ZM	JF
						
						
Burden Park, Swindon, SN4 0GD +44 (0)1793 812479						
Project: A9 Dualling Strategic Environmental Assessment						
Drawing: Soils and Water - Geological & Mixed SSSI, Geological Conservation Review sites						
Drawn by:	Tim Hughes		Date:		10/09/2013	
Checked by:	Zahid Ma		Date:		10/09/2013	
Approved by:	John Fox		Date:		10/09/2013	
Drawing No: TSSEA9/ER/D/018					Rev A	
Drawing scale: 1:40,000						



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